

Fig. 1

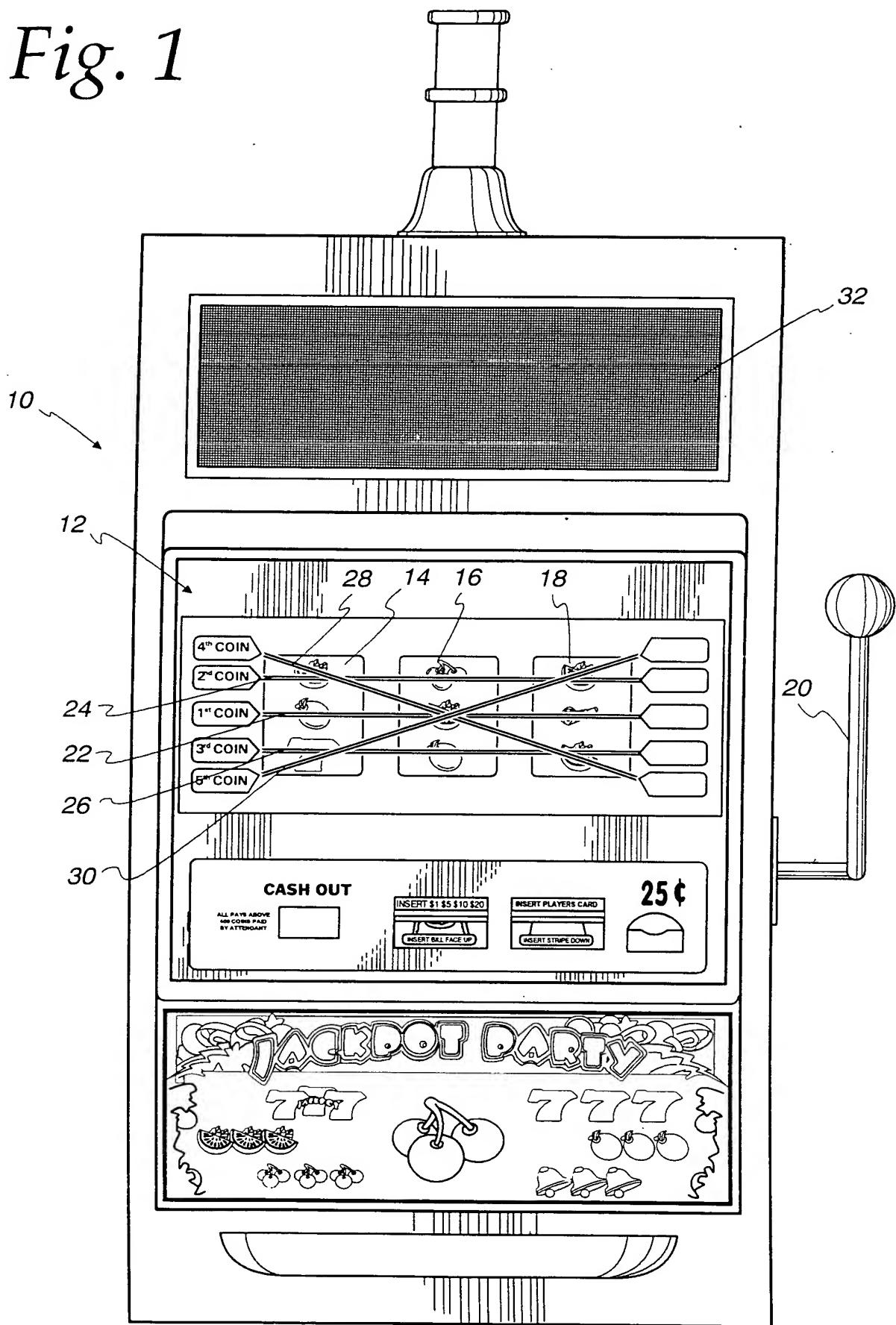
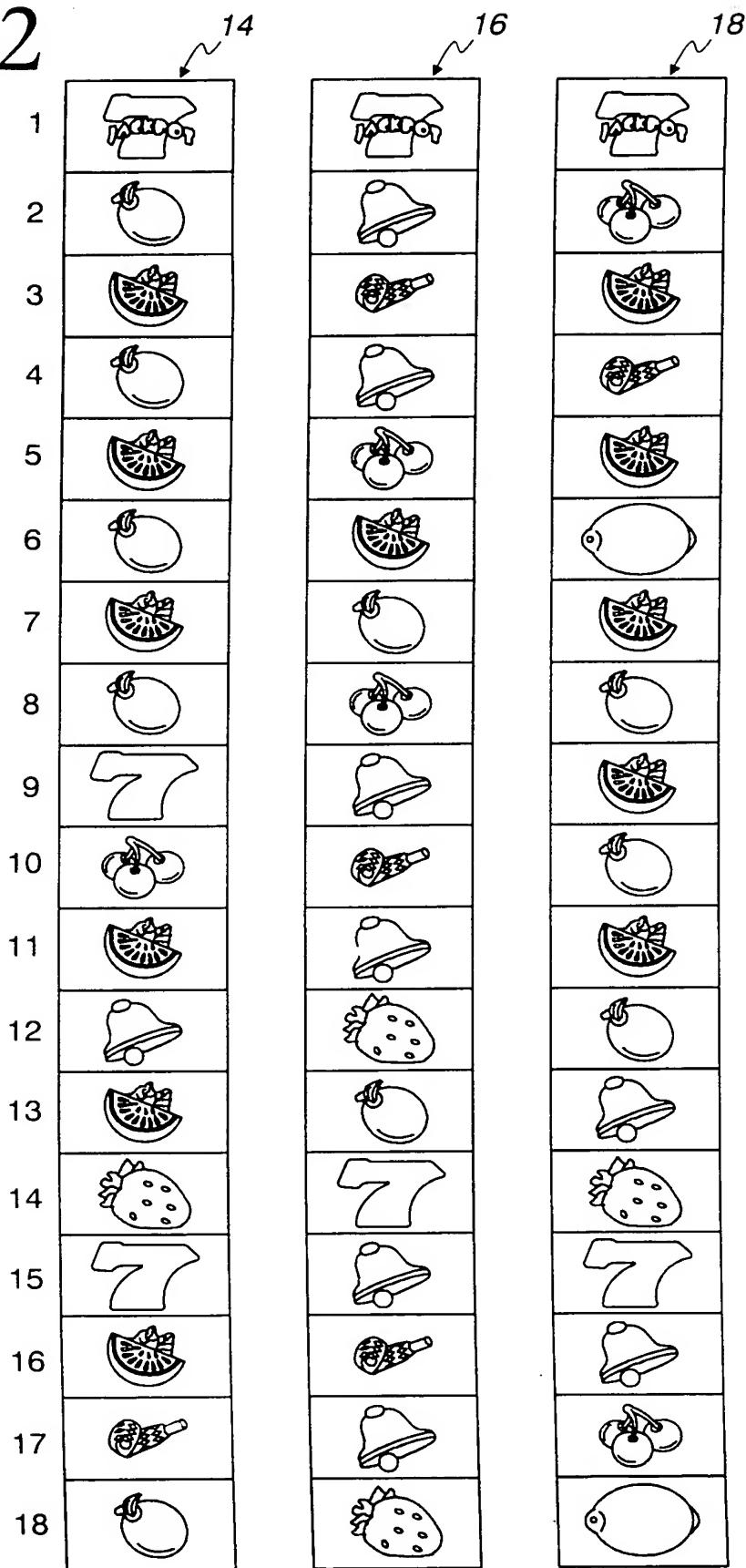
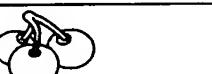


Fig. 2



*Fig. 3*

|   | PAY<br>LINE<br>1  | PAY<br>LINE<br>2 | PAY<br>LINE<br>3 | PAY<br>LINE<br>4 | PAY<br>LINE<br>5 |
|---|---|------------------|------------------|------------------|------------------|
|    | 100   | 200              | 300              | 400              | 1000             |
|    | 80  | 80               | 80               | 80               | 80               |
| <b>ANY THREE<br/>MIXED</b>  |  | 40               | 40               | 40               | 40               |
|    | 30  | 30               | 30               | 30               | 30               |
|    | 20  | 20               | 20               | 20               | 20               |
|  | 20  | 20               | 20               | 20               | 20               |
|  | 15  | 15               | 15               | 15               | 15               |
|  | 10  | 10               | 10               | 10               | 10               |
|  | 5   | 5                | 5                | 5                | 5                |
|  | 5   | 5                | 5                | 5                | 5                |
|  | 2   | 2                | 2                | 2                | 2                |
|  | 2   | 2                | 2                | 2                | 2                |

MATH TABLE - 1 COIN "BASIC" GAME

| PAY COMBO    | # PER REEL | HITS | PULLS/<br>HIT | PROBABILITY | PAYS            | EXPECTED<br>VALUE | TOTAL<br>PAY     | CONTRIBUTO<br>N |
|--------------|------------|------|---------------|-------------|-----------------|-------------------|------------------|-----------------|
| CH ---       | 1          | 16   | 18            | 288         | 20.25           | 0.049383          | 2                | 0.098766        |
| ST ---       | 1          | 16   | 18            | 288         | 20.25           | 0.049383          | 2                | 0.098766        |
| CH CH -      | 1          | 2    | 16            | 32          | 182.25          | 0.005487          | 5                | 0.027435        |
| ST ST -      | 1          | 2    | 17            | 34          | 171.5294        | 0.00583           | 5                | 0.02915         |
| OR OR OR     | 6          | 1    | 5             | 30          | 194.4           | 0.005144          | 10               | 0.05144         |
| PL PL PL     | 5          | 2    | 3             | 30          | 194.4           | 0.005144          | 15               | 0.07716         |
| CH CH CH     | 1          | 2    | 2             | 4           | 1458            | 0.000686          | 20               | 0.01372         |
| ST ST ST     | 1          | 2    | 1             | 2           | 2916            | 0.000343          | 20               | 0.00686         |
| BE BE BE     | 1          | 6    | 2             | 12          | 486             | 0.002058          | 30               | 0.06174         |
| A7 A7 A7     | 3          | 2    | 2             | 9           | 648             | 0.001543          | 40               | 0.06172         |
| B7 B7 B7     | 2          | 1    | 1             | 2           | 2916            | 0.000343          | 80               | 0.02744         |
| J7 J7 J7     | 1          | 1    | 1             | 1           | 5832            | 0.000171          | 100              | 0.0171          |
| <b>TOTAL</b> |            |      |               |             |                 |                   |                  |                 |
|              |            | 732  |               | 7.97        | 0.1255 = 12.55% |                   | .57133 = 57.133% | 3332            |

FIG. 4

PAYOUT SUMMARY - BASIC GAME ONLY

| COIN # | % PAYOUT | HIT %    | TOTAL HITS | TOTAL COINS PAID |
|--------|----------|----------|------------|------------------|
| 1      | 57.13306 | 12.55144 | 732        | 3332             |
| 2      | 57.9904  | 25.10288 | 1464       | 6764             |
| 3      | 58.84774 | 37.65432 | 2196       | 10296            |
| 4      | 59.70508 | 50.20576 | 2928       | 13928            |
| 5      | 62.27709 | 62.7572  | 3660       | 18160            |

FIG. 5

MATH TABLE - "START-BONUS" COMBINATION (1 COIN GAME)

| PAY COMBO         | # PER REEL | HITS | PULLS/HIT | PROBABILITY | EXPECTED PAY | EXPECTED VALUE | EXPECTED TOTAL PAY |
|-------------------|------------|------|-----------|-------------|--------------|----------------|--------------------|
| FV FV FV          | 3          | 9    | 3         | 81          | 72           | 0.013889       | 20.57152           |
| J7 OR SL          | 1          | 1    | 1         | 1           | 5832         | 0.000171       | 20.57152           |
| BOTH COMBINATIONS |            |      |           | 82          | 71.12195     | 0.01406        | 20.57152           |

FIG. 6

PAYOUT SUMMARY - BONUS FEATURE INCLUDED WITH BASE GAME

| COIN # | % PAYOUT | HIT %    | TOTAL HITS | TOTAL COINS PAID | NORMALIZED AVERAGE BONUS |
|--------|----------|----------|------------|------------------|--------------------------|
| 1      | 86.05732 | 13.95748 | 814        | 5018.863         | 20.5715                  |
| 2      | 86.11125 | 26.50892 | 1546       | 10044.02         | 20.0001                  |
| 3      | 86.16518 | 39.06036 | 2278       | 15075.46         | 19.4287                  |
| 4      | 86.01819 | 51.6118  | 3010       | 20066.32         | 18.7144                  |
| 5      | 86.17998 | 64.16324 | 3742       | 25130.08         | 17.0002                  |

FIG. 7

Fig. 8

|            |            |            |            |            |            |
|------------|------------|------------|------------|------------|------------|
| <u>101</u> | <u>106</u> | <u>111</u> | <u>116</u> | <u>121</u> | <u>126</u> |
| <u>102</u> | <u>107</u> | <u>112</u> | <u>117</u> | <u>122</u> | <u>127</u> |
| <u>103</u> | <u>108</u> | <u>113</u> | <u>118</u> | <u>123</u> | <u>128</u> |
| <u>104</u> | <u>109</u> | <u>114</u> | <u>119</u> | <u>124</u> | <u>129</u> |
| <u>105</u> | <u>110</u> | <u>115</u> | <u>120</u> | <u>125</u> | <u>130</u> |

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Fig. 9

|                         |                         |                         |                         |      |                         |
|-------------------------|-------------------------|-------------------------|-------------------------|------|-------------------------|
| <b>PARTY<br/>POOPER</b> | (10)                    | (4)                     | (5)                     | (20) | (3)                     |
| (1)                     | (3)                     | (2)                     | <b>PARTY<br/>POOPER</b> | (4)  | (15)                    |
| (5)                     | <b>PARTY<br/>POOPER</b> | (5)                     | (15)                    | (2)  | (5)                     |
| (5)                     | (5)                     | <b>PARTY<br/>POOPER</b> | (1)                     | (5)  | (10)                    |
| <b>PARTY<br/>POOPER</b> | (2)                     | (3)                     | (5)                     | (2)  | <b>PARTY<br/>POOPER</b> |

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NON-END-BONUS WINDOW VALUES (NORMALIZED)

| WINDOW #   | 1 CN VAL | 2 CN VAL | 3 CN VAL | 4 CN VAL | 5 CN VAL |
|--|----------|----------|----------|----------|----------|
| 0  | 1        | 1        | 1        | 1        | 1        |
| 1  | 5        | 5        | 5        | 5        | 2        |
| 2  | 3        | 3        | 3        | 3        | 3        |
| 3  | 4        | 4        | 4        | 4        | 4        |
| 4  | 5        | 3        | 2        | 2        | 2        |
| 5  | 5        | 5        | 5        | 2        | 2        |
| 6  | 5        | 5        | 5        | 5        | 4        |
| 7  | 4        | 4        | 5        | 5        | 5        |
| 8  | 2        | 3        | 2        | 4        | 3        |
| 9  | 3        | 2        | 2        | 2        | 2        |
| 10   | 5        | 5        | 5        | 5        | 10       |
| 11   | 10       | 10       | 10       | 10       | 10       |
| 12   | 15       | 15       | 15       | 15       | 15       |
| 13   | 20       | 20       | 20       | 20       | 20       |
| 14   | 1        | 1        | 1        | 1        | 1        |
| 15   | 5        | 5        | 5        | 5        | 5        |
| 16   | 2        | 2        | 2        | 2        | 2        |
| 17   | 10       | 10       | 10       | 10       | 3        |
| 18   | 15       | 15       | 10       | 10       | 5        |
| 19   | 5        | 4        | 5        | 2        | 2        |
| 20   | 3        | 2        | 3        | 2        | 2        |
| 21   | 2        | 2        | 2        | 2        | 2        |
| 22   | 2        | 2        | 2        | 2        | 2        |
| 23   | 5        | 5        | 5        | 5        | 5        |
| <b>Total from<br/>non-end-<br/>bonus<br/>windows</b> | 137      | 133      | 129      | 124      | 112      |
| <b>Average<br/>non-end-<br/>bonus</b>                | 5.70833  | 5.541667 | 5.375    | 5.166667 | 4.666667 |

FIG. 10

**BONUS GAME OUTCOME SUMMARY**

| CHOICE   | % END    | % SAFE   | PAYS     | EV<br>CALCULATION |
|--|----------|----------|----------|-------------------|
| 0  | 0.2      | 1.0      | 1        | 1                 |
| 1  | 0.165517 | 0.8      | 6.70833  | 5.566664          |
| 2  | 0.135961 | 0.634483 | 12.41666 | 9.188501          |
| 3  | 0.110783 | 0.498522 | 18.12499 | 12.03423          |
| 4  | 0.089478 | 0.387739 | 23.83332 | 14.24757          |
| 5  | 0.071583 | 0.298261 | 29.54165 | 15.95015          |
| 6  | 0.05667  | 0.226678 | 35.24998 | 17.2441           |
| 7  | 0.04435  | 0.170009 | 40.95831 | 18.21457          |
| 8  | 0.034271 | 0.125659 | 46.66664 | 18.93187          |
| 9  | 0.026111 | 0.091388 | 52.37497 | 19.45354          |
| 10   | 0.019583 | 0.065277 | 58.0833  | 19.82617          |
| 11   | 0.01443  | 0.045694 | 63.79163 | 20.08701          |
| 12   | 0.010421 | 0.031264 | 69.49996 | 20.26547          |
| 13   | 0.007356 | 0.020843 | 75.20829 | 20.38445          |
| 14   | 0.005057 | 0.013487 | 80.91662 | 20.46144          |
| 15   | 0.003372 | 0.008429 | 86.62495 | 20.50955          |
| 16   | 0.002167 | 0.005057 | 92.33328 | 20.53842          |
| 17   | 0.001334 | 0.00289  | 98.04161 | 20.55492          |
| 18   | 0.000778 | 0.001556 | 103.7499 | 20.5638           |
| 19   | 0.000424 | 0.000778 | 109.4583 | 20.56824          |
| 20   | 0.000212 | 0.000354 | 115.1666 | 20.57026          |
| 21   | 9.43E-05 | 0.000141 | 120.8749 | 20.57107          |
| 22   | 3.54E-05 | 4.72E-05 | 126.5833 | 20.57134          |
| 23   | 1.01E-05 | 1.18E-05 | 132.2916 | 20.57141          |
| 24   | 1.68E-06 | 1.68E-06 | 200      | 20.57152          |
| EXPECTED VALUE FOR 1 COIN BONUS GAME: 20.57152 |          |          |          |                   |

**FIG. 11**

Fig. 12

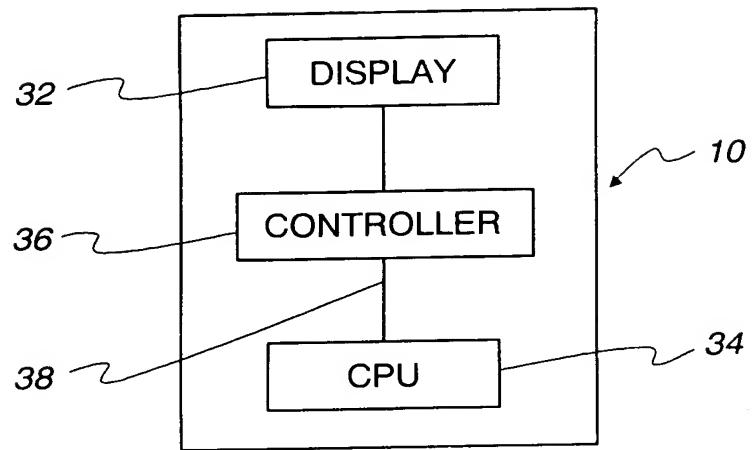
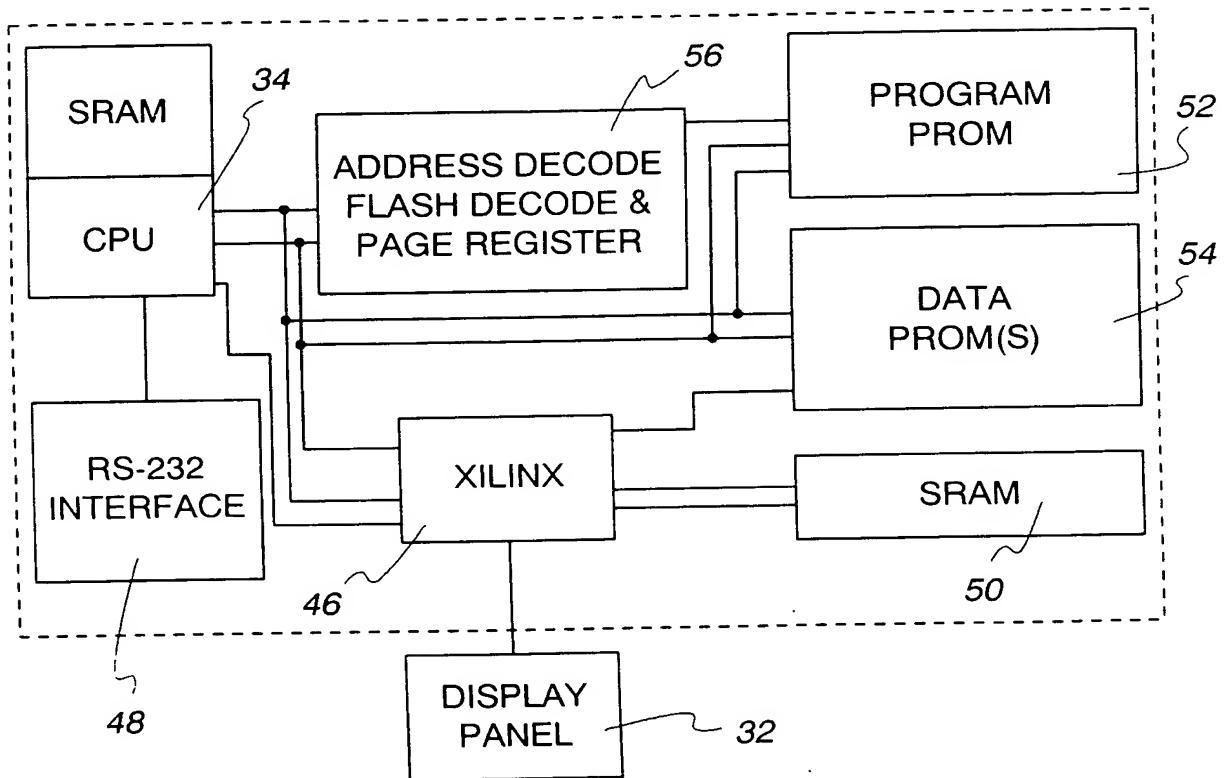
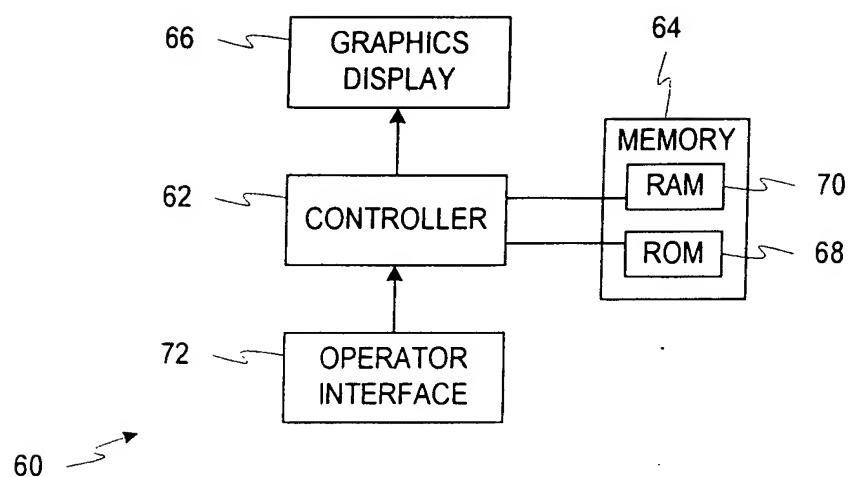


Fig. 13





*FIG. 14*

*Fig. 15*

